CONTENTS OF VOLUME 11

NUMBER 1

1 Green's Functions for Subsurface Thermal Stresses Due to Surface Heating **A. Azarkhin and J. R. Barber**

17 Thermoelasticity of Initially Heated Bodies **D. Ieşan**

39 Stress Intensity Factors for a Transversely Isotropic Infinite Solid Containing an Annular Crack **Naotake Noda and Fumihiro Ashida**

57 Continuous Data Dependence in the Dynamical Theory of Nonlinear Thermoelasticity on Unbounded Domains **Stan Chiriţă**

73 Publications on Thermal Stresses

NUMBER 2

77 Thermal Vibrations of Thin Cylindrical Shells **H. Ray and E. G. Lovell**

93 Thermal Stresses in Composite Tubes Using Complementary Virtual Work **M. W. Hyer and D. E. Cooper**

115 Transient Thermal Stresses in a Rectangular Plate Due to Nonuniform Heat Transfer Coefficients **P. Y. P. Chen**

127 Acceleration Wave Propagation in an Inhomogeneous Heat-Conducting Elastic Rod of Slowly Varying Cross Section **Y. B. Fu and N. H. Scott**

141 Optimal Heating Problem for Transient Thermal Stress in a Thick Plate **Naotake Noda**

151 Book Review

153 Announcements

155 Publications on Thermal Stresses

NUMBER 3

159 On the Elastic-Plastic Deformation of a Sphere Subjected to a Spherically Symmetrical Temperature Field **U. Gamer**

175 Spectral Analysis of Coupled Thermoelastic Waves **James F. Doyle**

187 Shape Optimization of Thermoelastic Solids **R. A. Meriç**

207 Some Applications of the Lagrange Identity in Thermoelasticity with One Relaxation Time **Stan Chiriţă**

233 Thermal Deformations and Stresses in Circularly Curved Thin Beams and Rings **Omer A. Fettahlioglu and Theodore K. Steele**

257 One-Dimensional Generalized Thermoelastic Problem for a Half-Space **Ranjit S. Dhaliwal and Jon G. Rokne**

273 Elastic-Plastic Disks with Jumplike Variable Thickness Under Purely Thermal Loadings **B. Skoczeń and K. Szuwalski**

287 Large Deformation of Antisymmetric Angle-Ply Laminates Resulting from Nonuniform Temperature Loadings **N. N. Huang and T. R. Tauchert**

299 Book Review

301 Announcements

303 Publications on Thermal Stresses

NUMBER 4

305 Asymptotic Solutions for Thermal Stress and Deformation in Orthotropic Nonhomogeneous Shells of Revolution **O. A. Fettahlioglu and P. C. Wang**

325 Nonuniformities and Stability in Thermal Fluid Mechanics **Nicolas Ch. Charalambakis**

341 Boundary Integral Equation Analysis for Steady Thermoelastic Problems Using Thermoelastic Potential **Takashi Koizumi, Tomoaki Tsuji, Kazuo Takakuda, Toshikazu Shibuya, and Keiichi Kurokawa**

353 State Space Approach to Generalized Thermoelasticity **Mohamed N. Anwar and Hany H. Sherief**

367 Transient Thermal Stresses in an Infinite Plate with Two Elliptic Holes **Katsutoshi Yamada**

381 Thermal Stresses of a Cracked Circular Hole Due to Uniform Heat Flux **Norio Hasabe, Akinori Tomida, and Takuji Nakamura**

393 Thermal Stresses Due to a Uniform Heat Flow Past a Circular Hole with a Radial Edge Crack **G. Edmonds and J. Tweed**

405 Thermoelasticity of a Regularly Nonhomogeneous Thin Curved Layer with Rapidly Varying Thickness **Vladimir Z. Parton and Aleksandr L. Kalamkarov**

421 Initially Stressed Thermoelastic Dielectrics D. Ieşan

443 Publications on Thermal Stresses

Following page 446:

Title Page to Volume 11

Contents of Volume 11

Author Index to Volume 11

Title Index to Volume 11